



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

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DSI 9585-013
Job Sheet 202460



Part No: DSI 9585-013

Job Qty: 2 pcs

Part Name: Lock Barrel Spring Replacement



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/28/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 10/30/19

Description:

Type: Stock

Ship Via:

SOUP

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	2 pcs		10/30/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3 ✓		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		
							Packaging 1 - 32		



Container No: S227411



Part: DSI 9585-013

Job No: 202460

Serial No/Batch: S227411

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
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CANADA
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Email: sales@dartaero.com
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Date: 10/28/19

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120 QC 4	2 pcs	10/30/19	0.00 0.00	Packaging 1 - 33		
				Packaging 1 - 34		
				Packaging 1 - 35		
				Packaging 1 - 36		
				QC 4 - 28		
				QC 4 - 58		
				QC 4 - 69		
				QC 4 - 9		
				QC 4 - 46		
				QC 4 - 68		
				QC 4 - 72		
				QC 4 - 74	DAS	
				QC 4 - 75	78	OCT 30 2019
QC 4 - 78	9-89					
130 Packaging 3-1 - Stock - B4B 2 pcs		10/30/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B	DAS	
				Packaging 3 - 25 - B4B	78	OCT 30 2019
				Packaging 3 - 26 - B4B	9-89	
				Packaging 3 - 27 - B4B		
				Packaging 3 - 28 - B4B		
				Packaging 3 - 29 - B4B		
				Packaging 3 - 30 - B4B		
				Packaging 3 - 31 - B4B		
				Packaging 3 - 32 - B4B		
				Packaging 3 - 33 - B4B		
				Packaging 3 - 34 - B4B		
				Packaging 3 - 35 - B4B		
				Packaging 3 - 36 - B4B	DAS	
135 DC - 1 - B4B	2 pcs	10/30/19	0.00 0.00	DC - 1 - B4B	21	OCT 30 2019
				DC - 2 - B4B	9-89	
140 QC 21 - FG	2 pcs	10/30/19	0.00 0.00	QC 21 - FG - 21		OCT 30 2019
				QC 21 - FG - 70		
				QC 21 - SA - 53	DAS	
Part Op 110 - (Pick Kit)				21	9-89	
Descriptions: 120 - (QC4- 100% Inspect kits for completeness)						
130 - (Identify as per dwg & Stock Location: _____) Identify and pack for shipping as per PPP DSI9585-013						
Location: _____						

135 - (Document Control) Photocopy bluefile & type labels per PPP DSI 9585-013 CHG001
 140 - (QC21- Final Inspection - Work Order Release)

012677

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4518-3	Lock Barrel Spring	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5121146 ✓
MS39086-133	Coiled Spring Pin	2 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	7120298 ✓

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	D4518-3	2	52	0
	MS39086-133	2	128	0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only ☐

NCR No. _____

Job: _____

Part No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐

DEPARTMENT/PROCESS

Skid-tube ☐
Machining ☐
Large Fab ☐

Cross tube ☐
Small Fab ☐
Finishing ☐

Eng. (Non-AW) ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐

Engineering ☐
Water Jet ☐
Supplier ☐
Quality ☐

Date: _____

Sequence #: _____

QTY Affected: _____

MRB (QS042)

Description Work Order Deviation

Disposition

Completed By _____

Lead hand / Supervisor _____

QC / QA Coordinator _____

Root Cause

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Presservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

FAULT CATEGORY

Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong
Bending	Misaligned/off center	Folio/Program	Outside Tolerance
Crushing	BOM/Route	Grain Direction	Drawing
Cracks	Broken/Damage/Defect	Weld	Finish
Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing
Marks/Chatter	Drill Holes	Out of Sequence	Misread
Mislabeled	Fit/Function	Off-set/Set-up	

Other/Details: _____

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-588 REV. D, D350-589 REV. E,
IIN-D350-600 REV. E, AND IIN-D130-780 REV. B AND INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS ICA-D350-588 REV. 0, ICA-D350-589 REV. 1, ICA-D350-600 REV. 5,
AND ICA-D130-780 REV. 1

REF CANADIAN STC: SH92-41, SH93-88
REF FAA STC: SH1012NE, SR00098NY, SR00099NY
AUSTRIAN STC: ACG.21NE2.093
REF EASA STC: EASA.IM.R.S.01292

PURPOSE:

The purpose of this DSI (Dart Service Instruction) is to introduce DSI 9585-011 and DSI 9585-013 Latch Repair Kits for D2586 Latches whose springs have failed or have been lost in service. Replacement procedures are as follows:

PROCEDURE:

TORSION SPRING REPLACEMENT (DSI 9585-011 KIT):

- 1) Remove D2586 Latch by unfastening the MS27039-1-XX Screw and associated hardware. Retain all hardware/parts.
- 2) Remove and discard roll pin with adequate tool. Discard existing failed spring.
- 3) Install D4518-1 Torsion Spring by inserting provided MS39086-133 Coiled Spring Pin in place using adequate tool. Refer to Figure 1 of this service instruction.
- 4) Reinstall repaired D2586 Latch in accordance with respective STC using the hardware/parts removed at Step 1 above.

LOCK BARREL SPRING REPLACEMENT (DSI 9585-013 KIT):

- 1) Remove D2586 Latch by unfastening the MS27039-1-XX Screw and associated hardware. Retain all hardware/parts.
- 2) Remove and discard roll pin with adequate tool. Discard existing failed spring.
- 3) Install D4518-3 Lock Barrel Spring by inserting provided MS39086-133 Coiled Spring Pin in place using adequate tool. Refer to Figure 2 of this service instruction.
- 4) Reinstall repaired D2586 Latch in accordance with respective STC using the hardware/parts removed at Step 1 above.

PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		DSI 9585-011	TORSION SPRING REPLACEMENT KIT
	X	DSI 9585-013	LOCK BARREL SPRING REPLACEMENT KIT
1		D4518-1	TORSION SPRING
	1	D4518-3	LOCK BARREL SPRING
1	1	MS39086-133	COILED SPRING PIN

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE:
CERT. NO.: SH92-41/SH93-88
ISSUE NO.: 8/6

A	NEW ISSUE	(REF. PAR11-135)	MB	11.12.05
REV.	DESCRIPTION		BY	DATE
DESIGN			DART AEROSPACE LTD	
DRAWN			HAWKESBURY, ONTARIO, CANADA	
CHECKED			DRAWING NO.	REV. A
MFG. APPR.	N/A		DSI 9585	SHEET 1 OF 2
APPROVED			TITLE	SCALE
DE APPR.			LATCH REPAIR KIT	NTS
DATE	11.12.05		COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	